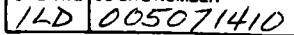


not RCR-A OK to inv. Boyle 8-11-86

Med? Delf 8/15/86

EPA 0894380001		POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		I. IDENTIFICATION	
01 SITE NAME (Legal, common, or descriptive name of site) WOODRUFF & EDWARDS		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 119 NORTH STATE STREET		01 STATE IL	02 SITE NUMBER 005071410
03 CITY ELGIN	04 STATE IL	05 ZIP CODE 60120	06 COUNTY KANE	07 COUNTY CODE 089	08 CONG DIST 14
09 COORDINATES LATITUDE 42 02 30.0		LONGITUDE 088 17 30.0		ELGIN (7.5 MIN) QUAD	
10 DIRECTIONS TO SITE (Starting from nearest public road) FROM NORTHWEST TOLLWAY, SOUTH ON ROUTE 31 (STATE STREET) APPROXIMATELY 1 1/2 MILES TO LAWRENCE, EAST TO FACILITY.					
III. RESPONSIBLE PARTIES					
01 OWNER (if known) CITY OF ELGIN		02 STREET (Business, mailing, residential) 150 DEXTER COURT			
03 CITY ELGIN	04 STATE IL	05 ZIP CODE 60120	06 TELEPHONE NUMBER 312 695-6500		
07 OPERATOR (if known and different from owner) WOODRUFF & EDWARDS		08 STREET (Business, mailing, residential) 119 NORTH STATE STREET			
09 CITY ELGIN	10 STATE IL	11 ZIP CODE 60120	12 TELEPHONE NUMBER 312 742-8700		
13 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE					
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 1/15/73 <input type="checkbox"/> NO MONTH DAY YEAR 7/28/83		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1949 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED INORGANIC (PERSISTANT)					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUNDWATER (ENVIRONMENT/POPULATION) SURFACE WATER (ENVIRONMENT/POPULATION)					
US EPA RECORDS CENTER REGION 5 498568					
V. PRIORITY ASSESSMENT Div. 101 Cont. W. Terry Aug 8-8-86					
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)					
VI. INFORMATION AVAILABLE FROM					
01 CONTACT MR. LEO NELSON FEMI FLARIN		02 OF (Agency/Organization) CITY OF ELGIN WOODRUFF & EDWARDS		03 TELEPHONE NUMBER 312 695-6500 312 742-8700	
04 PERSON RESPONSIBLE FOR ASSESSMENT KENNETH W. CORKILL		05 AGENCY IEPA	06 ORGANIZATION RIMS	07 TELEPHONE NUMBER 217 782-6761	08 DATE 7/17/86 MONTH DAY YEAR





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

1LD 005071410

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 64,000

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

THERE ARE APPROX. 64,000 PEOPLE WITHIN A 3 MILE RADIUS OF THE FACILITY. GROUNDWATER IS PUMPED FROM 6 WELLS ON THE EAST + 5 WELLS ON THE WEST OF THE FOX RIVER LOCATED ABOUT 1 1/2 MILES NORTH (UPSTREAM) OF THIS SITE.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

RUNOFF FROM FILL AREA COULD FLOW INTO THE FOX RIVER. THERE ARE NO SURFACE WATER INTAKES WITHIN 2 MILES DOWNSTREAM OF THE SITE. THERE ARE 4 INTAKES ABOUT 1 1/2 MILES UPSTREAM, THESE WOULD NOT BE CONTAMINATED. THERE IS POTENTIAL FOR SURFACE CONTAMINATION AS THE SITE IS ADJACENT TO THE FOX RIVER, HOWEVER NO CONTAMINATION

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

TO THE DRINKING WATER INTAKE WOULD OCCUR.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_ (Acres)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 64,000

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

SAME AS GROUNDWATER + SURFACE WATER.

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

1LD 005071410

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include names of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills, runoff, standing liquids, leaking drums)

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 6-5-80)

☐ POTENTIAL

☐ ALLEGED

LANDFILL IS ONLY AUTHORIZED TO RECEIVE FOUNDRY SAND & WASTE  
GENERATED ON THE COMPANY PROPERTY. GENERAL REFUSE WAS NOTED  
ON THIS DATE. GENERAL REFUSE TAKEN TO PERMITTED SANITARY LANDFILL.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

FILL SLOPE 10-20 FEET FROM THE FOX RIVER. DUMPING INTO  
THE RIVER IS AN UNACCEPTABLE PRACTICE SHOULD THE FILL FACE  
EXTEND TO THE RIVER.

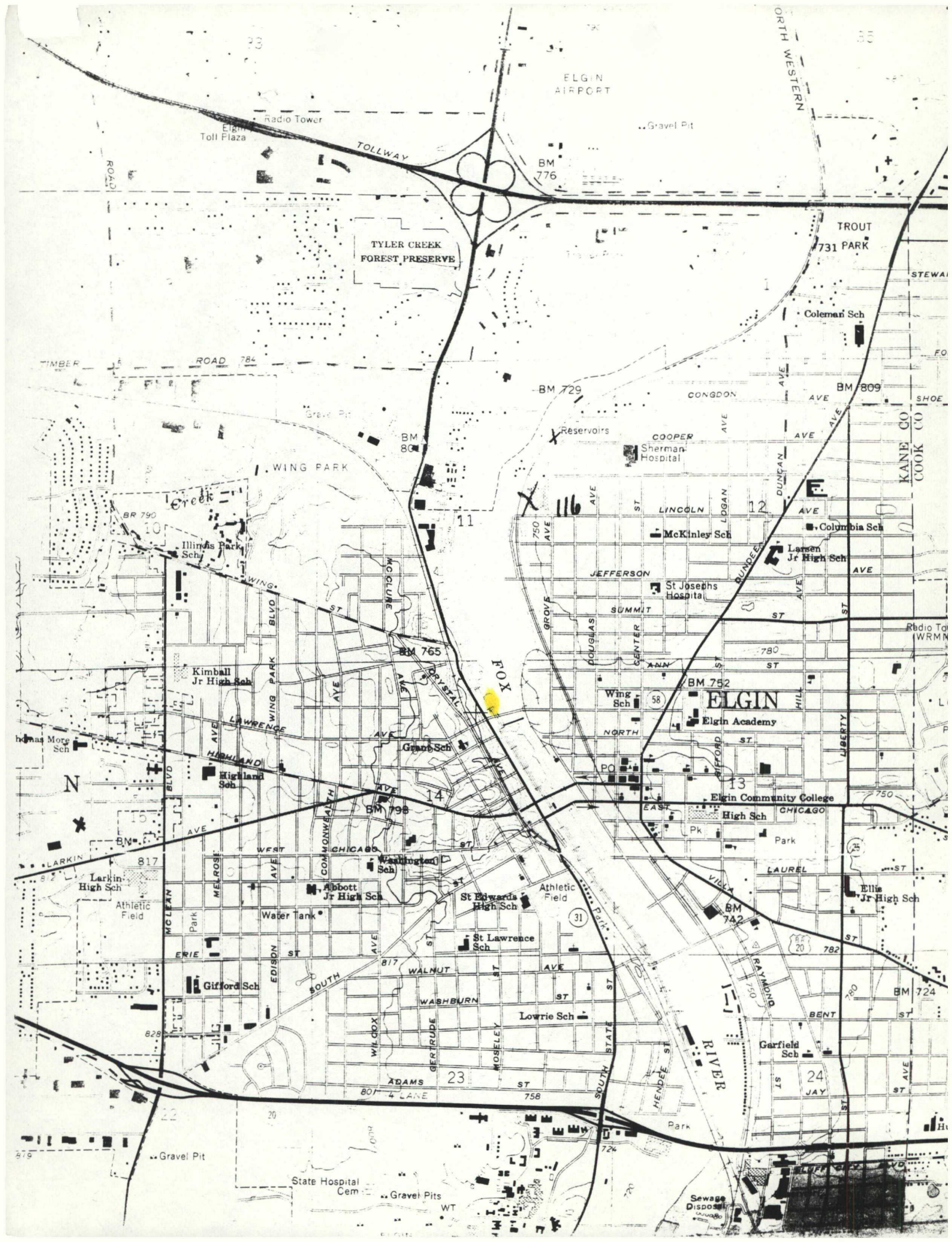
III. TOTAL POPULATION POTENTIALLY AFFECTED: 64,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA - LAND FILES





## Executive Summary

Woodruff & Edwards, Incorporated (1867) of Elgin, Illinois began operation of this site in 1878 and is presently in operation. The landfill, which is the subject of this Preliminary Assessments Executive Summary, is located to the north of the plant property and was established in 1949 and is also currently in operation.

This site occupies approximately 1 1/4 acres in the SW 1/4, NW 1/4, NW 1/4, NE 1/4 of Section 14, Township 41 North, Range 8 East in Kane County.

Woodruff & Edwards is a producer of gray iron, alloyed and non-ferrous castings, patterns and ready to assemble castings. Production of these items result in the generation of baghouse dust (fly ash), spent foundry sand (core sand) and slag material. The fly ash is placed in "Tuf-Tote" plastic bags, brought to the site and covered with foundry sand. Any waste not generated by the foundry operation is removed to a permitted sanitary landfill by Elgin Wayne disposal contractors. In mid 1981 the property containing the landfill was given to the City of Elgin, whereby Elgin would be the owner and Woodruff & Edwards would remain as the operator. The landfill is now to a point where disposal of sand, ash and slag is occurring at approximately 10-20 feet from the bank of the Fox River in a number of places. Any contact with the river would be considered an unacceptable practice and would be a violation of the Rules and Regulations.

*Self  
Stale  
1 hr  
checked*

*fly ash  
review,  
slag  
over,  
as to  
priority*

In general this site has been a good performer except for the chronic lack of daily cover and deposition of sand, ash and slag at the top of the slope instead of the toe. On various occasions inspection reports noted that general refuse had been deposited on site which is an unauthorized activity at this site. In regard to the lack of cover, the company contends that since this site is not a sanitary landfill there is no need for daily cover. Even if daily cover was required, they also contend that core sand is adequate for cover material. A March 1, 1974 letter from C.E. Clark of IEPA stated that sand, ash and slag do not require daily cover. However, the landfill has continued to be cited for lack of daily cover. It would be in everyones best interest to get this matter resolved as soon as possible as it's been 12-13 years since it first came up.

*?*

This site is given a low priority and should be investigated on an as time allows basis. A recommendation for continued monitoring is given to this site for tracking of the progression (if any) of the fill area toward the Fox River. Monitoring should also continue for possible general refuse deposition.

KC:st:1700f/93